

State of Michigan
Department of Environmental Quality

Water Resources Division
420 Fifth Street
Gwinn MI, 49841-3004
906-346-8300

File Number 11-52-0075-P

Date: January 23, 2012

PUBLIC NOTICE

The Marquette County Road Commission, 1610 N. Second, Marquette , MI 49849, has applied to this office for a permit under authority of Part 301, Inland Lakes and Streams, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The applicant proposes to construct new 21.4 mile long north/south primary county road between US-41 and County Road Triple A. The proposed road will include a combination of improvement to existing roads, relocated sections of existing roads, and new road. The stated purpose of the road is to connect and improve emergency, commercial, industrial, commercial and recreational access to a somewhat isolated, but key industrial, commercial and recreation area and to reduce truck travel from this area through Marquette County population centers. The project will impact 25.81 acres of wetland, provide 49.4 acres of wetland mitigation and construct 22 stream crossings.

A public hearing will be held for this application on Tuesday, February 21, 2012 at 6:00 at the Country Village Conference Center located at 1101 North Road, Ishpeming, MI 49849.

The proposal will impact the following regulated areas:

Proposed Activities – County Road 595

- Excavate approximately 90,357 cubic yards of material from, and place approximately 291,808 cubic yards of fill within, approximately 25.45 acres of wetland.
- Of the wetland fill, a total of approximately 9,300 cubic yards will be placed below the 100-year floodplain elevation of the following streams: Middle Branch Escanaba River (3,746 cubic yards), Second River (2,084 cubic yards), Dead River (457 cubic yards), Mulligan Creek (1,667 cubic yards), and Yellow Dog River (1,346 cubic yards). Excavate a total of approximately 11,583 cubic yards of material from upland below the 100-year floodplain elevation of the following streams: Middle Branch Escanaba River (7,764 cubic yards), Dead River (2,357 cubic yards), and Yellow Dog River (1,462 cubic yards) to compensate for floodplain fill.
- Construct a temporary road and bridge crossing of the Second River by excavating approximately 1,530 cubic yards of material from, and placing approximately 4,860 cubic yards of fill and associated riprap within, 0.4 acres of wetland. Remove temporary bridge and associated approach fill and restore wetland to original grade following completion of the proposed permanent CR 595 bridge crossing of the Second River.
- Remove 53 existing culverts on streams and wetlands. Install 65 wetland equalization culverts. Install four upland drainage culverts with one end in wetland. Place a total of approximately 778 cubic yards of riprap in wetland at the ends of the 69 culverts.
- Place approximately 126 cubic yards of riprap to construct 42 riprap outfall structures and place approximately 300 cubic yards of riprap to construct 100 energy dissipation outfall structures for roadside storm water management.

Stream Crossing Summary:

- Remove three existing bridges (Dead River, Mulligan Creek, Yellow Dog River). Construct a total of 22 stream crossings of which three are clear-span bridges across streams/rivers (Middle Branch Escanaba River, Second River, and Yellow Dog River), two are Conspan® structures (Dead River and Mulligan Creek) and the remaining 17 are box culverts. Install one temporary bridge crossing at Second River. Place approximately 943 cubic yards of riprap, in total, at the 22 stream crossings.
- Reconstruct approximately 550 linear feet of streambed at 18 stream crossing locations by excavating, contouring and placing a total of approximately 367 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder.

Stream Crossing Details:

- Station 122+75- Construct a new 60-foot span by 34-foot wide bridge with a 7.89-foot rise over the Middle Branch Escanaba River. Excavate approximately 50 cubic yards of material at the proposed bridge crossing to remove the remains of an old ford. Place approximately 112 cubic yards of heavy riprap. Impact 0.82 acres of wetland.
- Station 261+00- Replace two existing 36-inch diameter culverts and one 66-inch diameter culvert (each approximately 40 feet long) with a 58-foot span by 34-foot wide bridge with a 8.40-foot rise over the Second River. Reconstruct approximately 40 linear feet of streambed by excavating, contouring and placing a total of approximately 54 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 152 cubic yards of heavy riprap. Impact 0.78 acres of wetland.
- Station 262+00- Construct a temporary 50-foot span by 30-foot wide bridge immediately east of the proposed road on the Second River. Remove temporary bridge following completion of CR 595 over Second River. Place riprap as necessary. Impact 0.4 acres of wetland.
- Station 311+91- Replace two existing, approximately 42-foot long, 24-inch diameter culverts with a 73-foot long, 12-foot span by 5-foot rise box culvert at the Trembath Lake Outlet. Reconstruct approximately 80 linear feet of streambed by excavating, contouring and placing a total of approximately 18 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 23 cubic yards of riprap. Impact 0.17 acres of wetland.
- Station 426+47- Install a 103 foot long, 6-foot span by 4-foot rise box culvert at an unnamed stream. Reconstruct approximately 20 linear feet of streambed by excavating, contouring and placing a total of approximately 8.6 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 7.3 cubic yards of riprap. Impact 0.19 acres of wetland.
- Station 453+07- Install a 66-foot long, 12-foot span by 6-foot rise box culvert at Kipple Creek. Reconstruct approximately 30 linear feet of streambed by excavating, contouring and placing a total of approximately 17 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 7.3 cubic yards of riprap. Impact 0.11 acres of wetland.

- Station 491+08- Install a 112 foot long, 6-foot span by 4-foot rise box culvert at an unnamed tributary to Kipple Creek. Reconstruct approximately 25 linear feet of streambed by excavating, contouring and placing a total of approximately 20 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 19 cubic yards of riprap. Impact 0.54 acres of wetland.
- Station 517+10- Install a 101 foot long, 6-foot span by 4-foot rise box culvert at an unnamed tributary to Kipple Creek. Reconstruct approximately 30 linear feet of streambed by excavating, contouring and placing a total of approximately 20 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 19 cubic yards of riprap. Impact 0.42 acres of wetland.
- Station 1130+96- Replace an existing, approximately 25-foot long, 8-inch diameter culvert with a 47-foot long, 6-foot span by 4-foot rise box culvert at an unnamed tributary to Dishno Creek. Reconstruct approximately 50 linear feet of streambed by excavating, contouring and placing a total of approximately 30 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 33 cubic yards of riprap. Impact 0.19 acres of wetland.
- Station 1219+67- Install a 97-foot long, 6-foot span by 4-foot rise box culvert at an unnamed tributary to Voelkers Creek. Reconstruct approximately 20 linear feet of streambed by excavating, contouring and placing a total of approximately 11 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 13 cubic yards of riprap. Impact 0.23 acres of wetland.
- Station 1225+61- Replace an existing, approximately 30-foot long, 48-inch diameter culvert with a 61-foot long, 10-foot span by 5-foot rise box culvert at Voelkers Creek. Reconstruct approximately 40 linear feet of streambed by excavating, contouring and placing a total of approximately 35 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 64 cubic yards of riprap. Impact 0.19 acres of wetland.
- Station 1352+75- Replace an existing, 34-foot span by 13-foot wide timber bridge with a 68-foot long, 32-foot span by 10-foot rise Conspan® structure at the Dead River. Place approximately 66 cubic yards of heavy riprap. Impact 0.36 acres of wetland.
- Station 1404+15- Replace two existing, approximately 34-foot long, 36-inch diameter culverts with a 67-foot long, 7-foot span by 5-foot rise box culvert at Wildcat Canyon Creek. Reconstruct approximately 30 linear feet of streambed by excavating, contouring and placing a total of approximately 15 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 37 cubic yards of riprap. Impact 0.19 acres of wetland.
- Station 1418+67- Replace an existing, approximately 25-foot long, 30-inch diameter culvert with a 87-foot long, 6-foot span by 6-foot rise box culvert at Wildcat Canyon Creek. Reconstruct approximately 20 linear feet of streambed by excavating, contouring and placing a total of approximately 15 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 17 cubic yards of riprap. Impact 0.21 acres of wetland.
- Station 1423+13- Replace an existing, approximately 34-foot long, 24-inch diameter culvert with a 79-foot long, 6-foot span by 4-foot rise box culvert at an unnamed tributary to Wildcat Canyon Creek. Reconstruct approximately 20 linear feet of streambed by excavating, contouring and placing a total of approximately 18 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 14 cubic yards of riprap. Impact 0.49 acres of wetland.

- Station 1430+13- Replace an existing, approximately 30-foot long, 24-inch diameter culvert with a 107-foot long, 8-foot span by 6-foot rise box culvert at Wildcat Canyon Creek. Reconstruct approximately 25 linear feet of streambed by excavating, contouring and placing a total of approximately 17 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 47.5 cubic yards of riprap. Impact 0.11 acres of wetland.
- Station 1506+70- Replace existing, approximately 32-foot long, 24-inch and 36-inch diameter culverts with a 77-foot long, 10-foot span by 6-foot rise box culvert at an unnamed tributary to Mulligan Creek. Reconstruct approximately 20 linear feet of streambed by excavating, contouring and placing a total of approximately 14 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 63 cubic yards of riprap. Impact 0.03 acres of wetland.
- Station 1513+27- Replace an existing, approximately 32-foot long, 36-inch diameter culvert with a 70-foot long, 6-foot span by 4-foot rise box culvert at an unnamed tributary to Mulligan Creek. Reconstruct approximately 20 linear feet of streambed by excavating, contouring and placing a total of approximately 7 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 34 cubic yards of riprap. Impact 0.29 acres of wetland.
- Station 1522+93- Replace an existing, approximately 25-foot long, 6-inch diameter culvert with a 113-foot long, 5-foot span by 3-foot rise box culvert at an unnamed tributary to Mulligan Creek. Reconstruct approximately 25 linear feet of streambed by excavating, contouring and placing a total of approximately 19 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 10 cubic yards of riprap. Impact 0.06 acres of wetland.
- Station 1527+21- Replace an existing, buried culvert (size unknown) with a 98-foot long, 4-foot span by 3-foot rise box culvert at an unnamed tributary to Mulligan Creek. Reconstruct approximately 35 linear feet of streambed by excavating, contouring and placing a total of approximately 31 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 8 cubic yards of riprap. Impact 0.09 acres of wetland.
- Station 1556+82- Install a 77-foot long, 4-foot span by 3-foot rise box culvert at an unnamed tributary to Mulligan Creek. Reconstruct approximately 20 linear feet of streambed by excavating, contouring and placing a total of approximately 16 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. Place approximately 8 cubic yards of riprap. Impact 0.10 acres of wetland.
- Station 1565+25- Replace an existing, approximately 30-foot span by 12-foot wide timber bridge with a 54-foot long, 36-foot span by 11-foot rise Conspan® structure at Mulligan Creek. Place approximately 92 cubic yards of heavy riprap. Impact 0.39 acres of wetland.
- Station 1715+00- Replace an existing 24-foot span by 12-foot wide steel-beam bridge with a 55-foot span by 34-foot wide bridge with a 9.80-foot rise over at the Yellow Dog River. Remove approximately 360 cubic yards of existing abutment fill. Place approximately 97 cubic yards of heavy riprap. Impact 0.60 acres of wetland.

Proposed Activities – Stream Mitigation Measures

Stream mitigation consists of the following measures

- Many of the existing streams crossing structures are undersized. These are being replaced by properly sized structures that will match at a minimum bankfull conditions.
- Along the East Branch Salmon Trout River remove three existing approximately 30-foot long, 36 to 48-inch diameter culverts. Reconstruct approximately 90 linear feet of streambed at these locations by excavating, contouring and placing a total of approximately 53 cubic yards of bed material of varying sizes including fines, gravel, cobble, and boulder. These structures will be replaced at station 29+74 with a 65-foot span by 34-foot wide bridge. Place approximately 125 cubic yards of heavy riprap. The work in the Salmon Trout River includes the excavation of approximately 41 cubic yards of material from, and placement of approximately 73 cubic yards of fill within, 0.01 acres of wetland.

Proposed Activities – Wetland Mitigation

- Create a total of 49.4 acres of new wetland to mitigate for the approximately 25.81 acres of wetland resource impacts associated with this project: CR 595 (25.36 acres), plus the stream mitigation measures on the East Branch Salmon Trout River (0.01 acres), and the Trail 5 Relocation (0.35 acres). A permit for Trail 5 Relocation resource impacts will be applied for by others, however, the proposed impacts are being mitigated for in this permit application. The wetland impacts consist of 5.83 acres of emergent, 0.6 acres of scrub-shrub and 19.38 acres of forested wetland. The proposed mitigation consists of approximately 8.7 acres of emergent, 1 acre of scrub-shrub and 39.7 acres of forested wetland to be constructed at five wetland mitigation sites.
- Restore approximately 3.53 acres of wetland at 26 locations by removing existing roads and trails where these features will no longer be used due to the CR 595 road alignment.

The project is located in T48N, R29W, Sections 1,12,25,26,35 & 36, T49N,R28W, Section 31, T49N, R29W, Sections 2,11,14,23,25,26 & 36, T50N, R28W Sections 4,10 & 18, Champion Township; T48N, R28W, Sections 7,8,18,19 & 30, Ely Township; T47N, R29W, Section 2, Humboldt Township; T50N, R29W Sections 13,23,24,26 & 35, Michigamme Township; Marquette County, Michigan, in accordance with plans attached to this notice.

Due to the size of this application, all of the submitted materials are not included in this public notice. To view or receive a copy of the entire application please call or write the District office at the address and phone number indicated at the top of this public notice.

THIS NOTICE IS NOT A PERMIT

The proposed project may also be regulated by one or more additional parts of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) that are administered by the Water Resources Division (WRD). The requirements of all applicable parts are considered in determining if it is in the public interest to issue a permit.

When a permit application is received requesting authorization to work in or over the inland waters of the State of Michigan, pursuant to Part 301, Inland Lakes and Streams, of the NREPA, the NREPA provides that the department submit copies for review to the department of public health, the city, village or township, and the county where the project is to be located, the local soil conservation district, any local watershed council organized under Part 311, Local River Management, and the local port commission. Additional notification is provided to certain persons as required by statute or determined by the department.

Those persons wanting to make comments on the proposed project shall furnish this office with their written comments no later than 20 days from the date of this notice. Written comments will be made part of the record and should reference the above file number. Objections must be factual, specific, and fully describe the reasons upon which any objection is founded. Unless a written request is filed with the department within the 20-day public comment period, the department may make a decision on the application without a public hearing. The determination as to whether a permit will be issued or a public hearing held will be based on evaluation of all relevant factors defined in Sections 30106 and 30311, or permit criteria defined by other appropriate parts of the NREPA. These Sections address the effect of the proposed work on the public trust or interest including navigation, fish, wildlife, and water quality among other criteria. Public comments received will also be considered.

cc: Jim Iwanicki, Marquette CRC, applicant	George Madison, DNR, Fisheries,
Bob Doepker, DNR, Wildlife	Marquette County Health Department
Marquette County Clerk	Ely Township Clerk
Champion Township Clerk	Humboldt Township Clerk
Michigamme Township Clerk	Marquette County Drain Commissioner
Jean Battle, USACE-Marquette	Marquette Conservation District
Melanie Havemen, USEPA	USACE
Chris Mensing, USFWS	Jeff King, King & McGregor
Steve Casey, DEQ, WRD	Mike Smolinski, DEQ,WRD
Ginny Pennala, DEQ-WRD	Sue Conradson, DEQ-WRD
Colleen Okeefe, DEQ- WRD	Bill Larsen, DEQ-WRD
Todd Losee, DEQ-WRD	Adjacent Property Owners
Pauline Knapp-Spruce, Keweenaw Bay Indian Community	